L6 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
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DOCUMENT NUMBER: 137:75531
TITLE: Detection of analytes
INVENTOR(S): Daniloff, George Y.; Kalivrentenos, Aristotle G.; Nikolaitchik, Alexandre V.; Ullman, Edwin F.
PATENT ASSIGNEE(S): Sensors for Medicine and Science, Inc., USA
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CODEN: PIXXD2
DOCUMENT TYPE: Patent
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FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

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WO 2002054067	A2	20020711	WO 2002-US201	20020104
WO 2002054067	A3	20030522		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002094586	A1	20020718	US 2001-754219	20010105
US 2002119581	A1	20020829	US 2001-28331	20011228
CA 2433904	A1	20020711	CA 2002-2433904	20020104
EP 1350102	A2	20031008	EP 2002-714690	20020104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004528537	T	20040916	JP 2002-554715	20020104
BR 2002006318	A	20060124	BR 2002-6318	20020104

PRIORITY APPLN. INFO.:
US 2001-754219 A 20010105
US 2001-28331 A 20011228
WO 2002-US201 W 20020104

AB Disclosed are methods for detecting analytes, such as sugars, indicator systems which may undergo a mol. configurational change upon exposure to the analyte. The configurational change affects a detectable quality, such as fluoroscence associated with the indicator system, thereby allowing detection of the presence or concentration of the analyte.

IT 440665-91-8P 440666-20-6P 440666-24-0P
440666-26-2P 440666-27-3P
RL: ARU (Analytical role, unclassified); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation)
(detection of analytes)

RN 440665-91-8 CAPLUS

CN Boronic acid, [2-[[[[4-[[[(2-boronophenyl)methyl][2-[6-(butylamino)-1,3-dioxo-1H-benz[de]isoquinolin-2(3H)-yl]ethyl]amino]methyl]phenyl]methyl][[4-(dimethylamino)phenyl]methyl]amino]methyl]phenyl]- (9CI) (CA INDEX NAME)

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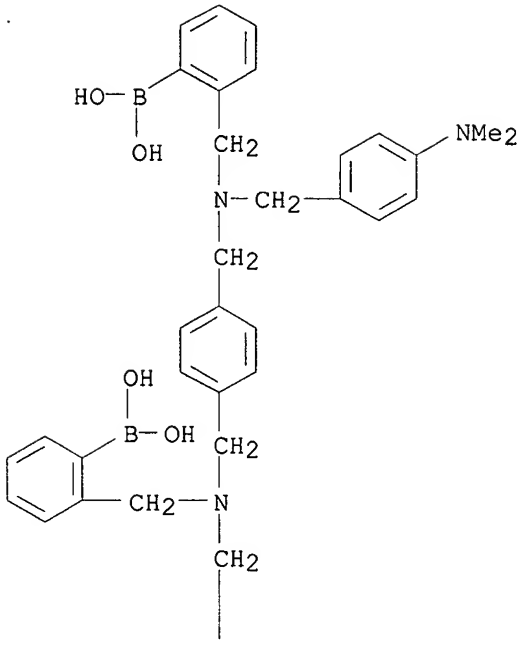

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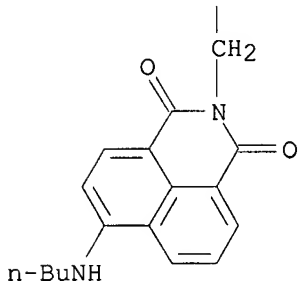

RN 440666-20-6 CAPLUS
CN β-Alanine, N,N'-[9,10-anthracenediylbis(methylene)]bis[N-[(2-boronophenyl)methyl]- (9CI) (CA INDEX NAME)

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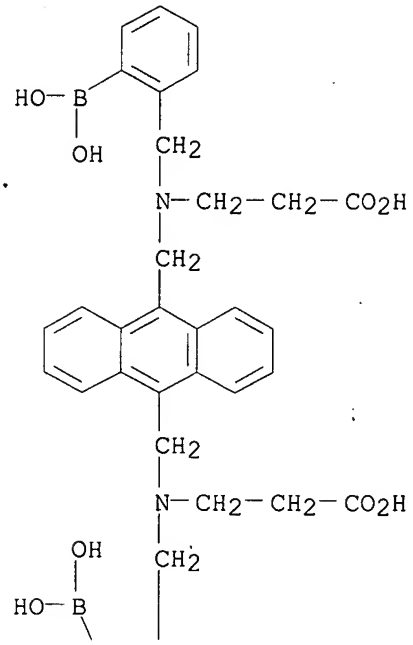

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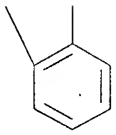
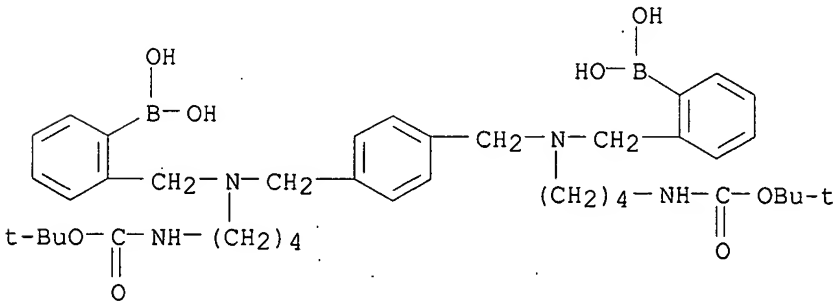


RN 440666-24-0 CAPLUS
CN Carbamic acid, [1,4-phenylenebis[methylene[[(2-boronophenyl)methyl]imino]-4,1-butanediyl]]bis-, C,C'-bis(1,1-dimethylethyl) ester, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

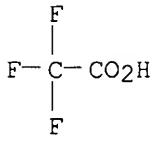
CM 1

CRN 440666-23-9
CMF C40 H60 B2 N4 O8



CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 440666-26-2 CAPLUS
CN Boronic acid, [2-[[[[4-[[(4-aminobutyl)[(2-boronophenyl)methyl]amino]methyl]phenyl]methyl][4-[[(9,10-dihydro-3,4-dihydroxy-9,10-dioxo-2-anthracenyl)sulfonyl]amino]butyl]amino]methyl]phenyl]-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

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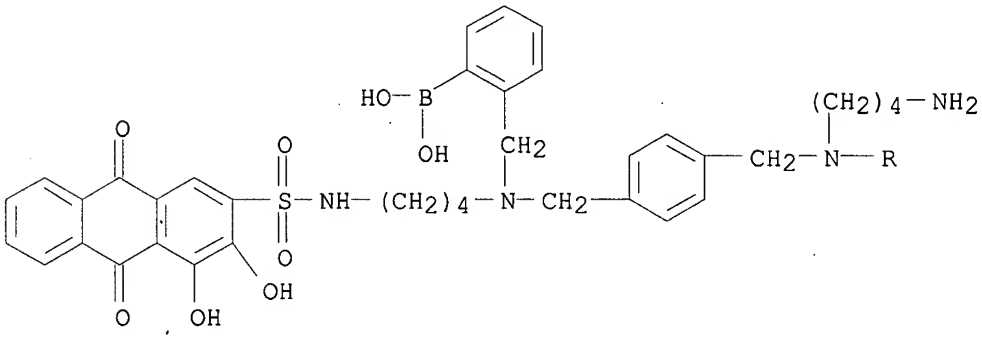
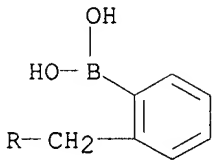
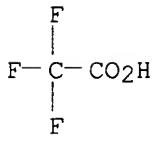
CRN 440666-25-1
CMF C44 H50 B2 N4 O10 S





CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 440666-27-3 CAPLUS
CN Boronic acid, [2-[[[[4-[[[(2-boronophenyl)methyl][4-[[(9,10-dihydro-3,4-dihydroxy-9,10-dioxo-2-anthracenyl)sulfonyl]amino]butyl]amino]methyl]phenyl]methyl][4-[(2-methyl-1-oxo-2-propenyl)amino]butyl]amino]methyl]phenyl]-

(9CI) (CA INDEX NAME)

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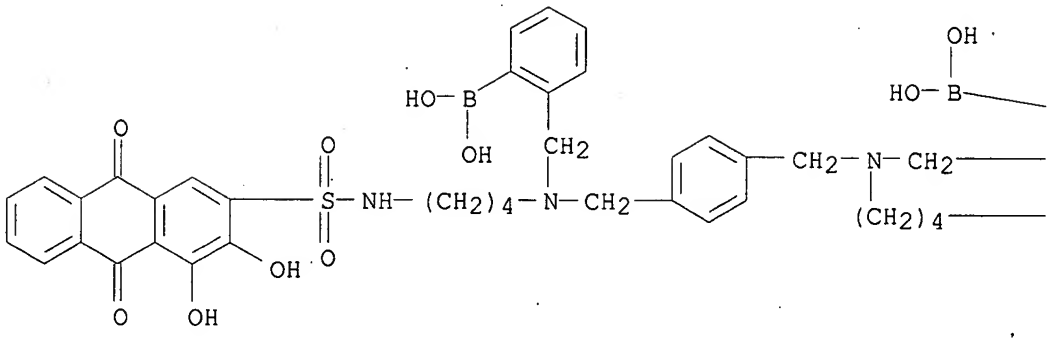

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